

SEQUENCE LISTING

<110> APPLICANT: Samuel I. Achilefu
Raghavan Rajagopalan
Richard B. Dorshow
Joseph E. Bugaj
ASSIGNEE: Mallinckrodt Inc.

<120> TITLE: Versatile Hydrophilic Dyes

<130> DOCKET/FILE REFERENCE: MRD-67

<150> PRIOR APPLICATION NUMBER: 09/484,321

<151> FILING DATE: 2000-01-18

<160> NUMBER OF SEQUENCES: 8

<170> SOFTWARE: FastSEQ for Windows Version 3.0

<210> SEQ ID NO:1

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM:Synthetic

<221> MOD_RES

<222> (1)...(0)

<223> Xaa = D-Phe

<224> Xbb = Cys with an intramolecular disulfide bond
between two Cys amino acids

<225> Xcc = D-Trp

<400> SEQ ID NO:1

Xaa	Xbb	Tyr	Xcc	Lys	Thr	Xbb	Thr
1			5				

<210> SEQ ID NO:2

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM:Synthetic

<221> MOD_RES

<222> (1)...(0)

<223> Xaa = D-Phe

<224> Xbb = Cys with an intramolecular disulfide bond
between two Cys amino acids

<225> Xcc = D-Trp

<226> Xdd = Thr-OH

<400> SEQ ID NO:2

Xaa	Xbb	Tyr	Xcc	Lys	Thr	Xbb	Xdd
1			5				

<210> SEQ ID NO:3
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<400> SEQ ID NO:3
Gly Ser Gly Gln Trp Ala Val Gly His Leu Met
1 5 10

<210> SEQ ID NO:4
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<400> SEQ ID NO:4
Gly Asp Gly Gln Trp Ala Val Gly His Leu Met
1 5 10

<210> SEQ ID NO:5
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<400> SEQ ID NO:5
Asp Tyr Met Gly Trp Met Asp Phe
1 5

<210> SEQ ID NO:6
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<400> SEQ ID NO:6
Asp Tyr Nle Gly Trp Nle Asp Phe
1 5

<210> SEQ ID NO:7
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<228> Xff = D-Asp

<400> SEQ ID NO:7
Xff Tyr Nle Gly Trp Nle Asp Phe
1 5

<210> SEQ ID NO:8
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<229> Xgg = D-Lys

<400> SEQ ID NO:8
Xgg Pro Arg Arg Pro Tyr Ile Leu
1 5

SEQUENCE LISTING

<110> APPLICANT: Samuel I. Achilefu
 Raghavan Rajagopalan
 Richard B. Dorshow
 Joseph E. Bugaj
 ASSIGNEE: Mallinckrodt Inc.

<120> TITLE: Versatile Hydrophilic Dyes

<130> DOCKET/FILE REFERENCE: MRD-67

<150> PRIOR APPLICATION NUMBER: 09/484,321

<151> FILING DATE: 2000-01-18

<160> NUMBER OF SEQUENCES: 8

<170> SOFTWARE: FastSEQ for Windows Version 3.0

<210> SEQ ID NO:1

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM:Synthetic

<221> MOD_RES

<222> (1)...(0)

<223> Xaa = D-Phe

<224> Xbb = Cys with an intramolecular disulfide bond
 between two Cys amino acids

<225> Xcc = D-Trp

<400> SEQ ID NO:1

Xaa Xbb Tyr Xcc Lys Thr Xbb Thr
 1 5

<210> SEQ ID NO:2

<211> LENGTH: 8

<212> TYPE: PRT

<213> ORGANISM:Synthetic

<221> MOD_RES

<222> (1)...(0)

<223> Xaa = D-Phe

<224> Xbb = Cys with an intramolecular disulfide bond
 between two Cys amino acids

<225> Xcc = D-Trp

<226> Xdd = Thr-OH

<400> SEQ ID NO:2

Xaa Xbb Tyr Xcc Lys Thr Xbb Xdd
 1 5

<210> SEQ ID NO:3
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<400> SEQ ID NO:3
Gly Ser Gly Gln Trp Ala Val Gly His Leu Met
1 5 10

<210> SEQ ID NO:4
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<400> SEQ ID NO:4
Gly Asp Gly Gln Trp Ala Val Gly His Leu Met
1 5 10

<210> SEQ ID NO:5
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<400> SEQ ID NO:5
Asp Tyr Met Gly Trp Met Asp Phe
1 5

<210> SEQ ID NO:6
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<400> SEQ ID NO:6
Asp Tyr Nle Gly Trp Nle Asp Phe
1 5

<210> SEQ ID NO:7
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<221> MOD_RES
<222> (1)...(0)

<228> Xff = D-Asp

<400> SEQ ID NO:7
Xff Tyr Nle Gly Trp Nle Asp Phe
1 5

<210> SEQ ID NO:8
<211> LENGTH: 8
<212> TYPE: PRT
<213> ORGANISM:Synthetic

<229> Xgg = D-Lys

<400> SEQ ID NO:8
Xgg Pro Arg Arg Pro Tyr Ile Leu
1 5